

Applic. No. : 09/688,462

In the Claims:

1 (currently amended). A modular printing machine system for printing on sheets, comprising:

a first printing machine of satellite construction type having a central first impression cylinder, and at least four printing devices assigned thereto;

a second printing machine having a second impression cylinder and a ~~feeding device~~ feed drum disposed immediately up-line of said second impression cylinder for feeding the sheets directly to said second impression cylinder; and

an adjusting device assigned to said ~~feeding device~~ feed drum, said ~~feeding device~~ feed drum being at least partially displaceable by said adjusting device for adjusting and correcting registration of said ~~feeding device~~ feed drum.

2 (cancelled).

3 (currently amended). The modular printing machine system as claimed in claim 1, wherein the first impression cylinder has at least one sensor assigned thereto for monitoring the position of a sheet transported by the first impression cylinder, and said ~~feeding device~~ feed drum has at least one further sensor assigned thereto for monitoring the position of the sheet to be transferred by said ~~feeding device~~ feed drum

Applic. No. : 09/688,462

to the second impression cylinder of the second printing machine.

4 (currently amended). The modular printing machine system according to claim 3, wherein said adjusting device serves for adjusting the circumferential register of said ~~feeding device~~ feed drum, and said at least one sensor and said at least one further sensor are disposed for monitoring the position of a leading edge of the sheet and are linked via an electronic control device to said adjusting device.

5 (currently amended). The modular printing machine system according to claim 4, wherein, respectively, a single sensor disposed for monitoring the position of the leading edge of the sheet is assigned to the central first impression cylinder and to said ~~feeding device~~ feed drum, and each of two sensors is linked via said electronic control device, to said adjusting device serving to adjust the circumferential register of said ~~feeding device~~ feed drum.

6 (currently amended). The modular printing machine system according to claim 3, wherein, respectively, two sensors disposed for monitoring the position of the leading edge of the sheet are assigned to the central impression cylinder and to said ~~feeding device~~ feed drum, and each of four sensors is linked, via an electronic control device, to at least one of a

Applic. No. : 09/688,462

plurality of adjusting devices serving to adjust the diagonal register of said ~~feeding-device~~ feed drum and of at least another of said plurality serving to adjust the circumferential register of the feed device.

---

D!  
(continued)

7 (currently amended). The modular printing machine system according to claim 3, wherein said at least one sensor and said at least one further sensor are disposed for monitoring the position of a lateral edge of the sheet and are linked via an electronic control device to an adjusting device serving to adjust the lateral register of said ~~feeding-device~~ feed drum.

8 (original). The modular printing machine system according to claim 1, wherein said at least one sensor and said at least one further sensor are sensors for contact-free registering the position of the sheet.

9 (original). The modular printing machine system according to claim 8, wherein said contact-free registering sensors are optically operating.

10 (original). The modular printing machine system according to claim 3, including an incremental encoder for registering the machine angle of the first printing machine, which corresponds to the rotary angle position of the rotating first impression cylinder, said incremental encoder being linked to

Applic. No. : 09/688,462

an electronic control device and, via said electronic control device, to said sensors.

11 (currently amended). The modular printing machine system according to claim 3, wherein the first printing machine includes a sheet delivery, and said ~~feeding device~~ feed drum is disposed for accepting the sheet from a transport device, and said transport device is disposed for accepting the sheet from said sheet delivery.

12-13 (canceled).

14 (previously presented). The modular printing machine system according to claim 1, wherein said first printing machine has a first sheet delivery, and said second printing machine has a second sheet delivery.

15 (previously presented). The modular printing machine system according to claim 1, wherein said first printing machine is a Quickmaster QM 46-4 made by HEIDELBERGER DRUCKMASCHINEN AG, and wherein said second printing machine is a Printmaster QM 46-1 or QM 46-2 made by HEIDELBERGER DRUCKMASCHINEN AG.

16 (previously presented). The modular printing machine system according to claim 1; wherein said coupling device is

Applic. No. : 09/688,462

used for selectively de-coupling said first printing machine and said second printing machine from one another for stand-alone operation of said first printing machine.

*D!  
(concluded)*

17 (previously presented). The modular printing machine system according to claim 1, wherein said first impression cylinder of said first printing machine and said second impression cylinder of said second printing machine are of different sizes.

18 (currently amended). The modular printing machine system according to claim 1, wherein said adjusting device adjusts and corrects registration of said ~~feeding device~~ feed drum with said second impression cylinder upon coupling said first printing machine and said second printing machine to one another for in-line operation thereof.

19-22 (cancelled).